

ABSTRACT

The present invention provides a chemically modified
5 human Growth Hormone (hGH) prepared by attaching a
polyethylene glycol butyraldehyde moiety to the N-
terminal phenylalanine of the protein. The chemically
modified protein according to the present invention may
have a much longer lasting hGH activity than that of the
10 un-modified hGH, enabling reduced dose and scheduling
opportunities. The present invention also includes
methods of use for the treatment and/or prevention of
diseases or disorders in which use of growth hormone is
beneficial.